

# Comparisons of Job Characteristics

**Focus Occupation:** [Carpenters \(47-2031\)](#)

**Associated Occupation:** [Cement Masons and Concrete Finishers \(47-2051\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 95

**Focus Occupation:** Carpenters (47-2031)

**Associated Occupation:** Cement Masons and Concrete Finishers (47-2051)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Building and Construction	4.0	15.0	17.5	> Current knowledge level is likely sufficient
Administration and Management	8.4	11.8	10.2	< Expanded education and/or training may be required
Mechanical	6.8	11.0	12.6	> Current knowledge level is likely sufficient
Design	5.2	9.9	12.2	> Current knowledge level is likely sufficient
Chemistry	4.8	7.3	4.1	<< Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 88

**Focus Occupation:** Carpenters (47-2031)

**Associated Occupation:** Cement Masons and Concrete Finishers (47-2051)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Coordination	9.1	9.4	9.4	0 Current skill level may be sufficient
Quality Control Analysis	5.9	7.7	7.9	0 Current skill level may be sufficient
Operation and Control	5.4	7.3	7.4	0 Current skill level may be sufficient
Management of Material Resources	3.7	3.7	4.3	> Skill level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Abilities

Similarity of Focus Occupation to Associated Occupation: 89

Focus Occupation: Carpenters (47-2031)

Associated Occupation: Cement Masons and Concrete Finishers (47-2051)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Trunk Strength	5.7	12.6	11.4	<	Some improvement in abilities may be required
Manual Dexterity	6.5	11.4	11.2	0	Current ability level may be sufficient
Extent Flexibility	4.8	10.6	10.8	0	Current ability level may be sufficient
Static Strength	5.0	10.2	11.3	>	Current ability level is likely sufficient
Stamina	4.0	8.9	8.7	0	Current ability level may be sufficient
Speed of Limb Movement	3.2	8.5	8.3	0	Current ability level may be sufficient
Dynamic Strength	3.5	8.2	7.0	<	Some improvement in abilities may be required
Gross Body Coordination	3.9	8.0	7.8	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 74

Focus Occupation: Carpenters (47-2031)

Associated Occupation: Cement Masons and Concrete Finishers (47-2051)

Work Activities	Exclusivity of Activity
Adhere to safety procedures	12
Apply adhesives, caulking, sealants, or coatings	45
Build or repair structures in construction, repair, or manufacturing setting	54
Climb ladders, scaffolding, or utility or telephone poles	56
Direct and coordinate activities of workers or staff	3
Erect scaffold	56
Fabricate, assemble, or disassemble manufactured products by hand	11
Install prefabricated building components	74
Move or fit heavy objects	8
Perform safety inspections in construction or resource extraction setting	46
Read blueprints	10
Read tape measure	41
Read technical drawings	7
Signal directions or warnings to coworkers	42
Understand construction specifications	53
Use basic carpentry techniques	62
Use concrete fabrication techniques	74
Use hand or power tools	2
Use measuring devices in construction or extraction work	41

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: 76

**Focus Occupation: Carpenters (47-2031)**

**Associated Occupation: Cement Masons and Concrete Finishers (47-2051)**

Tools and Technologies	Exclusivity
Business function specific software	1
Computers	1
Cutting and crimping and punching tools	3
Data management and query software	1
Dispensing tools	6
Finance accounting and enterprise resource planning ERP software	2
Forming tools	2
Holding and clamping tools	3
Industry specific software	1
Ladders and scaffolding	6
Length and thickness and distance measuring instruments	2
Lifting equipment and accessories	3
Measuring and layout tools	3
Pneumatic tools	8
Power generators	16
Power tools	2
Prying and bending tools	10
Respiratory protection	6
Rough and finishing tools	5
Tool attachments and accessories	12
Wrenches and drivers	2

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.